

Listing of Claims:

1. (Currently Amended) A medical image radiographing system comprising:

a control apparatus which manages a radiographed medical image and radiographing order information by relating the radiographed medical image to the radiographing order information, and which transmits the radiographing order information; and

a portable terminal which receives the radiographing order information from the control apparatus,

wherein the portable terminal comprises:

an obtaining section which obtains identification information of a cassette which detects the radiographed medical image;

a storage section which stores the obtained identification information of the cassette and a correlation of the identification information of the cassette with the received radiographing order information, the radiographing order information being ~~updated~~ renewed according to radiographing; and

a communication section which transmits the ~~updated~~ radiographing order information to the control apparatus; and

wherein the control apparatus comprises:

a storage section which stores the radiographing order information transmitted to the portable terminal;

25 a communication section which receives the ~~updated~~ radiographing order information transmitted from the portable terminal;

30 a determination section which determines whether or not the received ~~updated~~ radiographing order information agrees with the radiographing order information stored in the storage section of the control apparatus; and

35 a management section which ~~updates~~ renews the radiographing order information stored in the storage section of the control apparatus to the received ~~updated~~ radiographing order information when the determination section determines that the received ~~updated~~ radiographing order information does not agree with the stored radiographing order information.

5 2. (Currently Amended) The system of claim 1, wherein the management section stores the identification information of the cassette correlated with the radiographing order information stored in the storage section of the control apparatus, when the received ~~updated~~ radiographing order information agrees with the radiographing order information stored in the storage section of the control apparatus.

3. (Currently Amended) The system of claim 1, wherein the control apparatus further comprises:

a display control section which displays a message which confirms whether or not to ~~update~~ renew the radiographing order information stored in the storage section of the control apparatus, when the determining section determines that the received ~~updated~~ radiographing order information disagrees with the radiographing order information stored in the storage section of the control apparatus; and

an input section which inputs an instruction instructing whether or not to ~~update~~ renew the radiographing order information stored in the storage section of the control apparatus;

wherein the management section ~~updates~~ renews the radiographing order information stored in the storage section of the control apparatus to the received ~~updated~~ radiographing order information and stores the ~~updated~~ renewed radiographing order information, when the instruction to ~~update~~ renew the radiographing order information is inputted.

4. (Currently Amended) The system of claim 3, wherein in the control apparatus, the input section inputs a modification to the received ~~updated~~ radiographing order information; and

wherein the management section ~~updates~~ renews the
5 radiographing order information stored in the storage section of
the control apparatus to the modified radiographing order
information, and stores the ~~updated~~ renewed radiographing order
information, when the instruction to ~~update~~ renew the
radiographing order information and the modification are
10 inputted.

5. (Currently Amended) The system of claim 3, wherein in the
control apparatus, the storage section stores a transmission
history which indicates whether or not the radiographing order
information has been transmitted to the portable terminal;

5 wherein the display control section displays a message which
confirms whether or not to cancel the ~~updated~~ radiographing order
information, when the determining section determines that the
~~updated~~ radiographing order information disagrees with the
radiographing order information stored in the storage section of
10 the control apparatus;

wherein the input section inputs an instruction instructing
whether or not to cancel the ~~updated~~ radiographing order
information;

15 wherein the management section controls the communication
section of the control apparatus to transmit the instruction to
cancel the ~~updated~~ radiographing order information to the

portable terminal, and ~~updates~~ renews the transmission history of the radiographing order information stored in the storage section of the control apparatus to indicate that the ~~updated~~
20 radiographing order information has been canceled, when the instruction to cancel the ~~updated~~ radiographing order information is inputted;

wherein in the portable terminal, the communication section receives the instruction to cancel the radiographing order
25 information transmitted from the control apparatus; and

wherein the storage section of the portable terminal deletes the ~~updated~~ radiographing order information corresponding to the radiographing order information for which the instruction to cancel is received.

6. (Previously Presented) The system of claim 1, further comprising an information management apparatus which transmits the radiographing order information to the control apparatus;

5 wherein the communication section in the control apparatus transmits the radiographing order information correlated with the identification information of the cassette stored in the storage section of the control apparatus to the information management apparatus; and

10 wherein the information management apparatus comprises:

 a communication section which receives the
radiographing order information correlated with the
identification information of the cassette transmitted by the
communication section in the control apparatus; and

15 a storage section which stores the received
radiographing order information correlated with the
identification information of the cassette.

 7. (Currently Amended) A medical image management method
for a medical image radiographing system comprising: (i) a
control apparatus which manages a radiographed medical image and
radiographing order information by relating the radiographed
5 medical image to the radiographing order information, and which
transmits the radiographing order information, and (ii) a
portable terminal which receives the radiographing order
information from the control apparatus, the method comprising:

 obtaining, by the portable terminal, identification
10 information of a cassette which detects the radiographed medical
image;

 storing, at the portable terminal, the obtained
identification information of the cassette and a correlation of
the identification information of the cassette with the received

15 radiographing order information, the radiographing order
information being ~~updated~~ renewed according to radiographing;
transmitting the ~~updated~~ radiographing order information
from the portable terminal to the control apparatus;
receiving the ~~updated~~ radiographing order information at the
20 control apparatus;
determining whether or not the received ~~updated~~
radiographing order information agrees with the ~~stored~~
radiographing order information stored at the control apparatus;
and
25 ~~updating~~ renewing the stored radiographing order information
to the received ~~updated~~ radiographing order information when it
is determined that the received ~~updated~~ radiographing order
information does not agree with the stored radiographing order
information.

8. (Currently Amended) The method of claim 7, further
comprising storing the identification information of the cassette
correlated with the stored radiographing order information, when
the received ~~updated~~ radiographing order information agrees with
5 the stored radiographing order information.

9. (Currently Amended) The method of claim 7, further
comprising:

displaying a message which confirms whether or not to ~~update~~
renew the stored radiographing order information, when it is
5 determined that the received ~~updated~~ radiographing order
information disagrees with the stored radiographing order
information;

inputting an instruction instructing whether or not to
~~update~~ renew the stored radiographing order information; and

10 ~~updating~~ renewing the stored radiographing order information
to the received ~~updated~~ radiographing order information, and
storing the ~~updated~~ renewed radiographing order information, when
the instruction to ~~update~~ renew the stored radiographing order
information is inputted.

10. (Currently Amended) The method of claim 9, further
comprising:

inputting a modification to the ~~updated~~ radiographing order
information; and

5 ~~updating~~ renewing the stored radiographing order information
to the modified radiographing order information, and storing the
~~updated~~ renewed radiographing order information, when the
instruction to ~~update~~ renew the stored radiographing order
information and the modification are inputted.

11. (Currently Amended) The method of claim 9, further comprising:

storing a transmission history which indicates whether or not the radiographing order information has been transmitted to the portable terminal;

displaying a message which confirms whether or not to cancel the ~~updated~~ radiographing order information, when it is determined that the ~~updated~~ radiographing order information disagrees with the stored radiographing order information;

inputting an instruction instructing whether or not to cancel the ~~updated~~ radiographing order information;

transmitting the instruction to cancel the ~~updated~~ radiographing order information to the portable terminal, and ~~updating~~ renewing the transmission history of the radiographing order information to indicate that the ~~updated~~ radiographing order information has been canceled, when the instruction to cancel the ~~updated~~ radiographing order information is inputted;

receiving, at the portable terminal, the instruction to cancel the radiographing order information; and

deleting, at the portable terminal, the ~~updated~~ radiographing order information corresponding to the radiographing order information for which the instruction to cancel is received.

12. (Previously Presented) The method of claim 7, further comprising:

transmitting the stored radiographing order information correlated with the identification information of the cassette to
5 an information management apparatus;

receiving, at the information management apparatus, the stored radiographing order information correlated with the identification information of the cassette; and

10 storing, at the information management apparatus, the received radiographing order information correlated with the identification information of the cassette.

13. (Currently Amended) A medical image management method for a medical image radiographing system comprising: (i) a control apparatus which manages a radiographed medical image and radiographing order information by relating the medical image to
5 the radiographing order information and transmits the radiographing order information, and (ii) a portable terminal which receives the radiographing order information from the control apparatus, the method comprising:

10 obtaining, by the portable terminal, identification information of a cassette which detects the radiographed medical image;

storing, at the portable terminal, the obtained
identification information of the cassette and a correlation of
the identification information of the cassette with the received
15 radiographing order information, the radiographing order
information being edited and ~~updated~~ renewed according to
radiographing;

transmitting the ~~updated~~ radiographing order information
from the portable terminal to the control apparatus;

20 receiving the ~~updated~~ radiographing order information at the
control apparatus;

determining whether or not the ~~updated~~ radiographing order
information received by the control apparatus agrees with the
~~stored~~ radiographing order information stored at the control
25 apparatus; and

storing the identification information of the cassette by
relating the identification information of the cassette to the
stored radiographing order information, when it is determined
that the ~~updated~~ radiographing order information received by the
30 control apparatus agrees with the stored radiographing order
information.

14. (Currently Amended) A medical image radiographing system
comprising:

a control apparatus which manages a radiographed medical image and radiographing order information by relating the radiographed medical image to the radiographing order information and transmits the radiographing order information; and

a portable terminal which receives the radiographing order information from the control apparatus,

wherein the portable terminal comprises:

an obtaining section which obtains identification information of a cassette that detects the radiographed medical image;

a storage section which stores the obtained identification information of the cassette and a correlation of the identification information of the cassette with the received radiographing order information, the radiographing order information being edited and ~~updated~~ renewed according to radiographing;

a communication section which transmits the ~~updated~~ radiographing order information; and

wherein the control apparatus comprises:

a storage section which stores the radiographing order information transmitted to the portable terminal;

a communication section which receives the ~~updated~~ radiographing order information transmitted from the portable terminal; and

a management section which ~~updates~~ renews the radiographing order information stored in the storage section to the received ~~updated~~ radiographing order information, correlates
30 the ~~updated~~ renewed radiographing order information with the identification information of the cassette based on the received ~~updated~~ radiographing order information, and stores the identification information of the cassette in the storage section.

15. (Currently Amended) The system of claim 14, wherein the control apparatus further comprises a determination section which determines whether or not the received ~~updated~~ radiographing order information agrees with the radiographing order information
5 stored in the storage section,

wherein the communication section of the control apparatus transmits a message which confirms whether or not to ~~update~~ renew the stored radiographing order information to the portable terminal, and receives an instruction on whether or not to ~~update~~
10 renew the stored radiographing order information from the portable terminal, when the received ~~updated~~ radiographing order information disagrees with the radiographing order information stored in the storage section, and

the management section stores the received ~~updated~~
15 radiographing order information in the storage section by

~~updating~~ renewing the stored radiographing order information to
the received ~~updated~~ radiographing order information, and stores
the identification information of the cassette in the storage
section by relating the identification information of the
cassette to the ~~updated~~ renewed radiographing order information,
when the instruction to ~~update~~ renew the radiographing order
information is received from the portable terminal.

16. (Currently Amended) The system of claim 15, wherein the
management section in the control apparatus stores the
identification information of the cassette in the storage section
by relating the identification information of the cassette to the
stored radiographing order information when the instruction not
to ~~update~~ renew the radiographing order information is received
from the portable terminal.

17. (Currently Amended) The system of claim 14, wherein in
the control apparatus, the storage section stores a transmission
history which indicates whether or not the radiographing order
information is transmitted to the portable terminal,

wherein the communication section of the control apparatus
transmits a message which confirms whether or not to cancel the
received ~~updated~~ radiographing order information, and receives an
instruction to cancel the received ~~updated~~ radiographing order

information from the portable terminal, when the received ~~updated~~
10 radiographing order information disagrees with the radiographing
order information stored in the storage section, and

wherein the management section ~~updates~~ renews the
transmission history for the radiographing order information in
the storage section to indicate that the ~~updated~~ radiographing
15 order information has been canceled when the instruction to
cancel the ~~updated~~ radiographing order information is received
from the portable terminal.

18. (Currently Amended) The system of claim 14, further
comprising an information management apparatus which transmits
radiographing order information to the control apparatus,

wherein the communication section in the control apparatus
5 transmits the ~~updated~~ radiographing order information correlated
with the identification information of the cassette stored in the
storage section to the information management apparatus, and

wherein the information management apparatus comprises:

a communication section which receives the ~~updated~~
10 radiographing order information correlated with the
identification information of the cassette transmitted by the
communication section in the control apparatus; and

15 a storage section which stores the received
radiographing order information correlated with the
identification information of the cassette.

19. (Currently Amended) A medical image management method
for a medical image radiographing system comprising: (i) a
control apparatus which manages a radiographed medical image and
radiographing order information by relating the radiographed
5 medical image to the radiographing order information and
transmits the radiographing order information, and (ii) a
portable terminal which receives the radiographing order
information from the control apparatus, the method comprising:
obtaining identification information of a cassette which
10 detects the radiographed medical image;
storing, at the portable terminal, the obtained
identification information of the cassette and a correlation of
the identification information of the cassette with the received
radiographing order information, the radiographing order
15 information being edited and ~~updated~~ renewed;
transmitting the ~~updated~~ radiographing order information
from the portable terminal to the control apparatus;
receiving the ~~updated~~ radiographing order information from
the portable terminal;

20 ~~updating~~ renewing the ~~stored~~ radiographing order information
stored at the control apparatus to the received ~~updated~~
radiographing order information;

correlating the identification information of the cassette,
based on the received ~~updated~~ radiographing order information,
25 with the ~~updated~~ renewed radiographing order information; and
storing the ~~updated~~ renewed radiographing order information.

20. (Currently Amended) The method of claim 19, further
comprising:

determining whether or not the received ~~updated~~
radiographing order information agrees with the stored
5 radiographing order information;

transmitting a message which confirms whether or not to
~~update~~ renew the stored radiographing order information, when the
received ~~updated~~ radiographing order information disagrees with
the stored radiographing order information;

10 receiving an instruction on whether or not to ~~update~~ renew
the stored radiographing order information from the portable
terminal; and

storing the ~~updated~~ radiographing order information in a
storage section of the control apparatus by ~~updating~~ renewing the
15 stored radiographing order information to the received ~~updated~~
radiographing order information, and storing the identification

information of the cassette in the storage section of the control apparatus by relating the identification information of the cassette to the ~~updated~~ radiographing order information, when the
20 instruction to ~~update~~ renew the stored radiographing order information is received from the portable terminal.

21. (Currently Amended) The method of claim 20, further comprising storing the identification information of the cassette in the storage section of the control apparatus by relating the identification information of the cassette to the stored
5 radiographing order information when the instruction not to ~~update~~ renew the radiographing order information is received from the portable terminal.

22. (Currently Amended) The method of claim 19, further comprising:

storing a transmission history which indicates whether or not the radiographing order information is transmitted to the
5 portable terminal;

transmitting a message which confirms whether or not to cancel the received ~~updated~~ radiographing order information, when the received ~~updated~~ radiographing order information disagrees with the stored radiographing order information;

10 receiving an instruction to cancel the received ~~updated~~
radiographing order information from the portable terminal; and
 ~~updating~~ renewing the transmission history for the
radiographing order information to indicate that the ~~updated~~
radiographing order information has been canceled when the
15 instruction to cancel the received ~~updated~~ radiographing order
information is received from the portable terminal.

23. (Currently Amended) The method of claim 19, further
comprising:

 transmitting the ~~updated~~ radiographing order information and
the identification information of the cassette to an information
5 management apparatus;

 receiving the ~~updated~~ radiographing order information and
the identification information of the cassette; and

 storing the received radiographing order information and the
identification information of the cassette.

24. (Currently Amended) A medical image management method
for a medical image radiographing system comprising: (i) a
control apparatus which manages a radiographed medical image and
radiographing order information by relating the radiographed
5 medical image to the radiographing order information and
transmits the radiographing order information, and (ii) a

portable terminal which receives the radiographing order
information from the control apparatus, the method comprising:

obtaining, by the portable terminal, identification
10 information of a cassette which detects the radiographed medical
image;

storing, at the portable terminal, the obtained
identification information of the cassette and a correlation of
the identification information of the cassette with the received
15 radiographing order information, the radiographing order
information being edited and ~~updated~~ renewed according to
radiographing;

transmitting the ~~updated~~ radiographing order information
from the portable terminal to the control apparatus; and

20 storing the ~~updated~~ radiographing order information received
by the control apparatus in a storage section of the control
apparatus by ~~updating~~ renewing the radiographing order
information previously stored in the storage section of the
control apparatus to the ~~updated~~ radiographing order information
25 received by the control apparatus, and storing the identification
information of the cassette in the storage section of the control
apparatus by relating the identification information of the
cassette to the stored radiographing order information.

Claims 25-46 (Canceled).